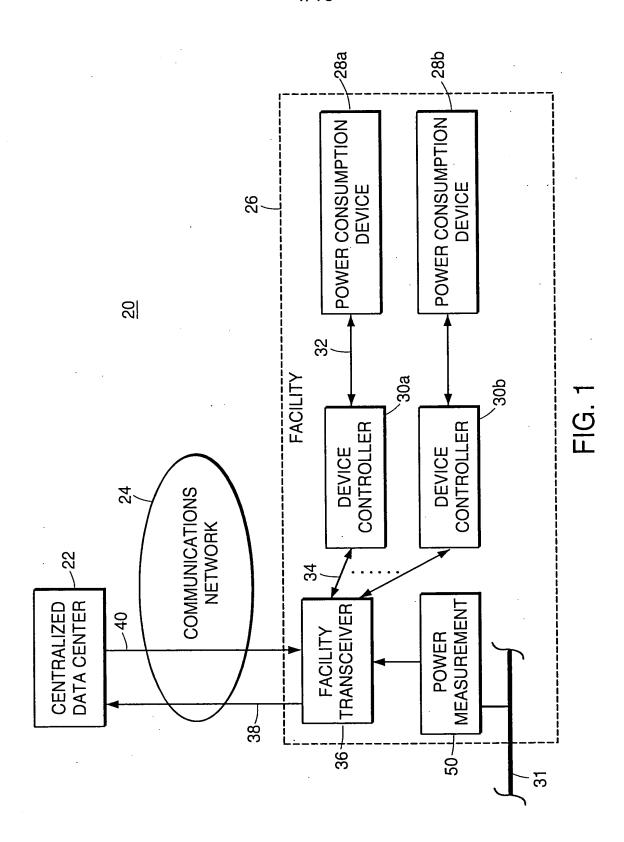
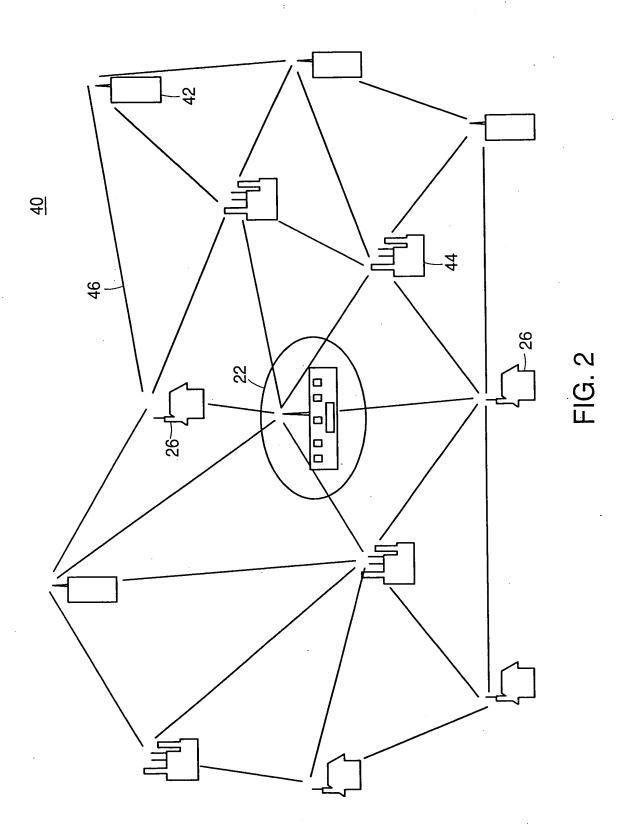
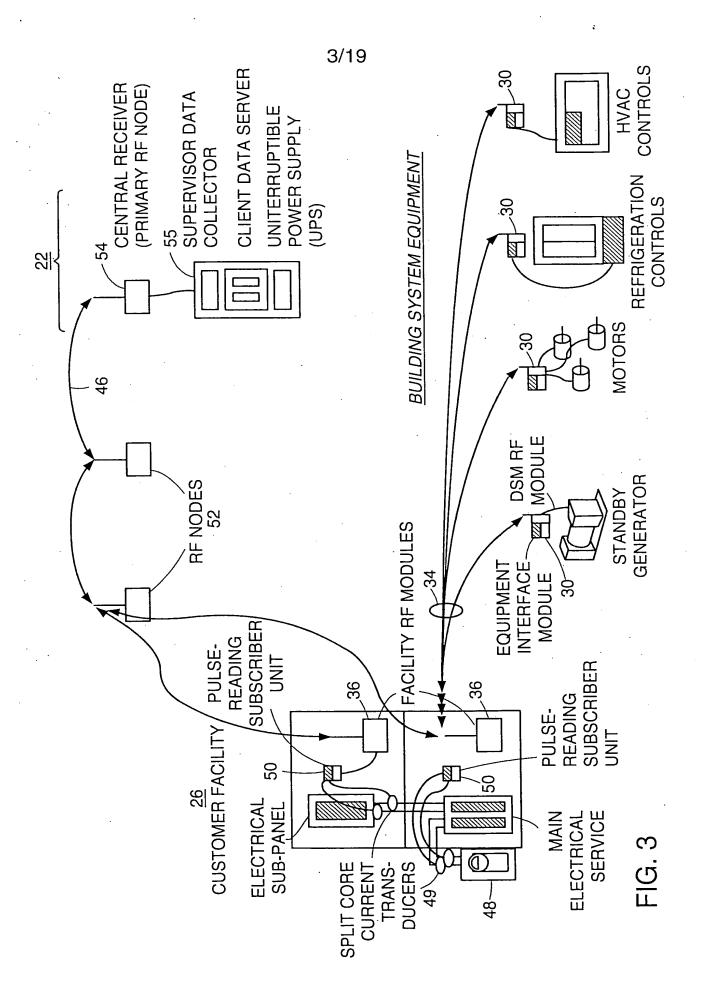
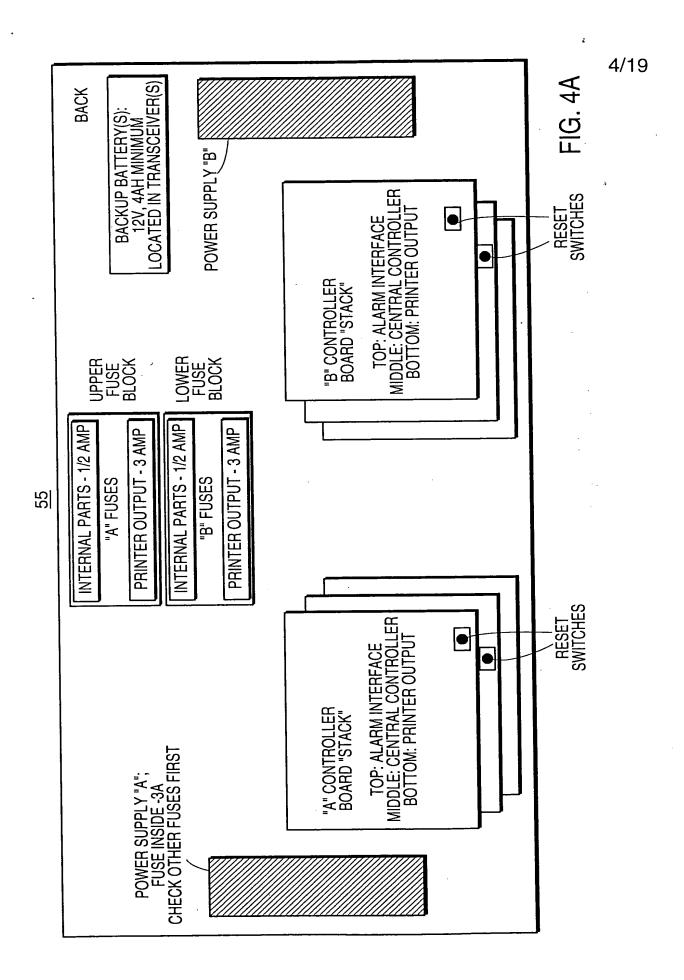
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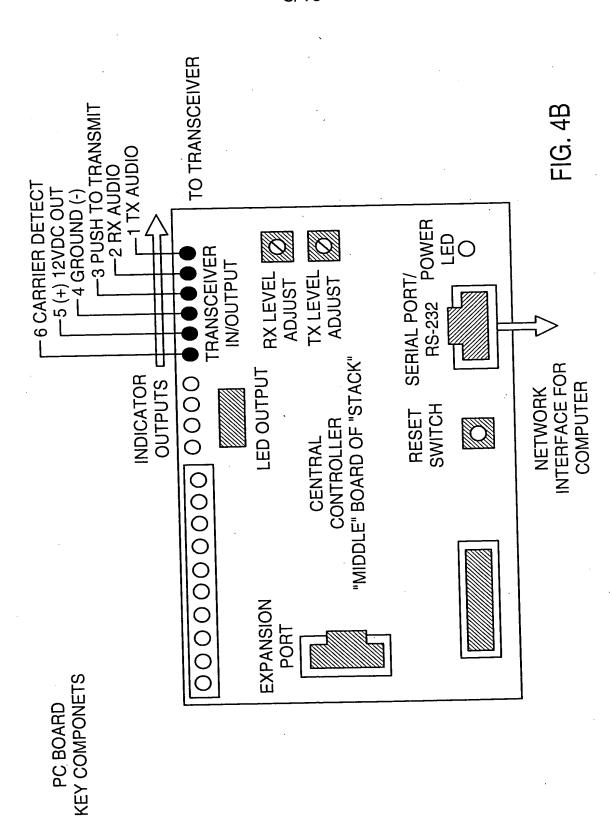
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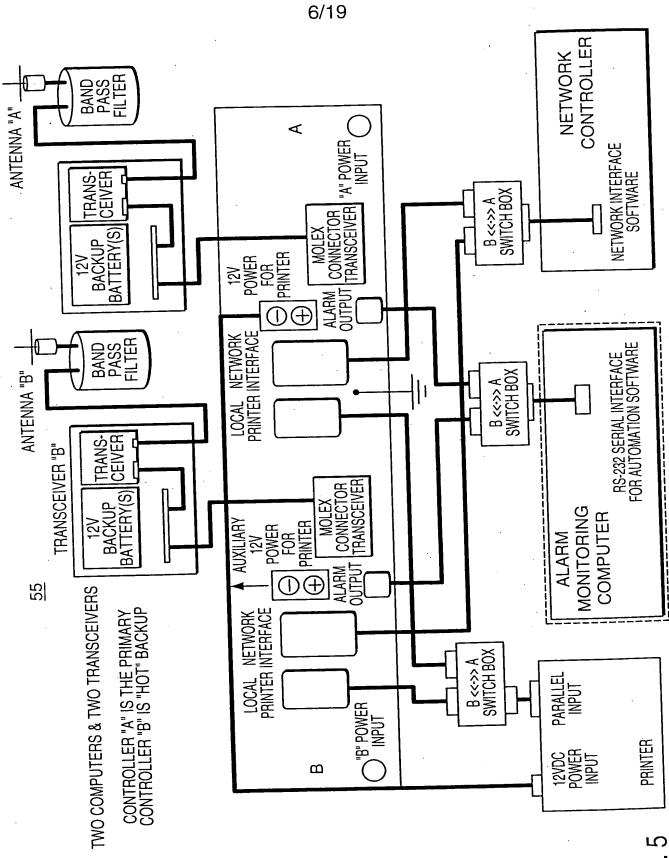
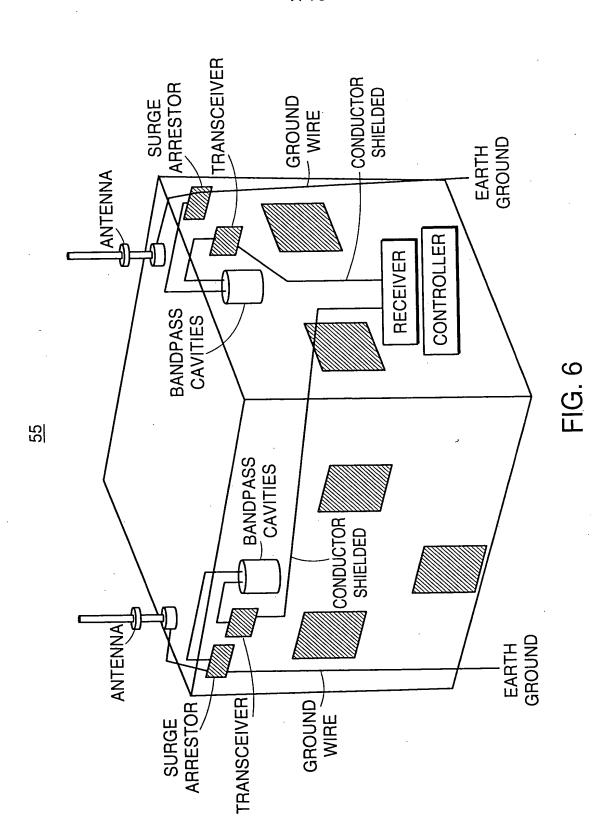
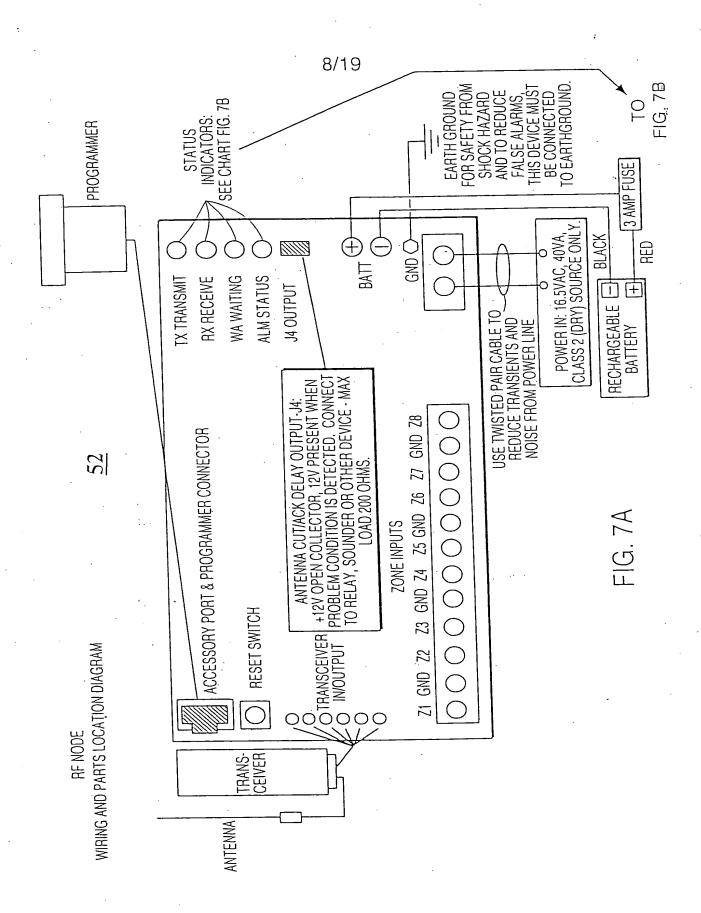


FIG. 5

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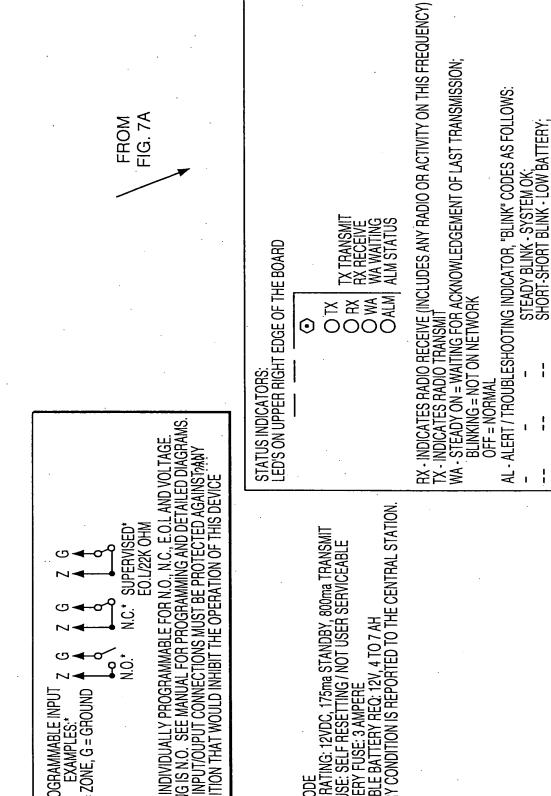
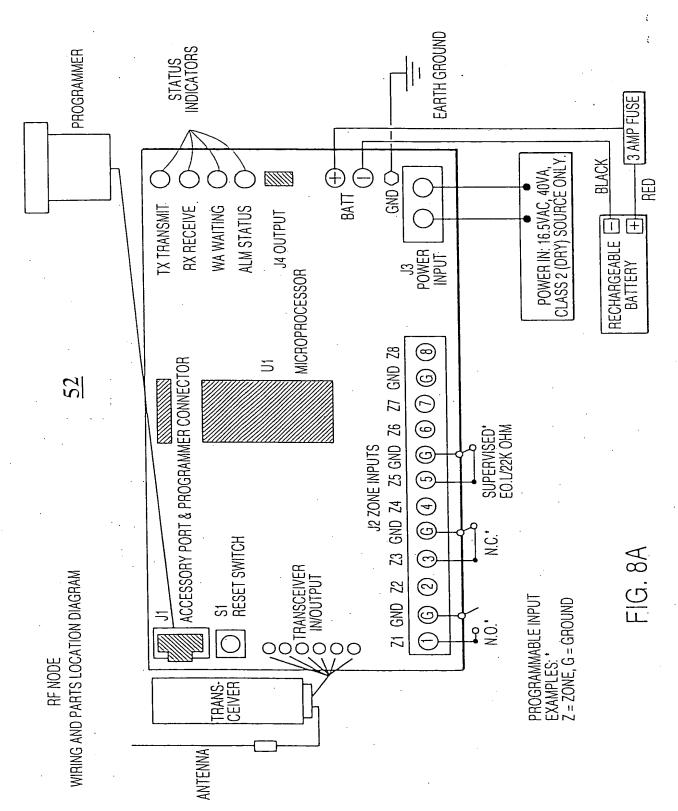


FIG. 7

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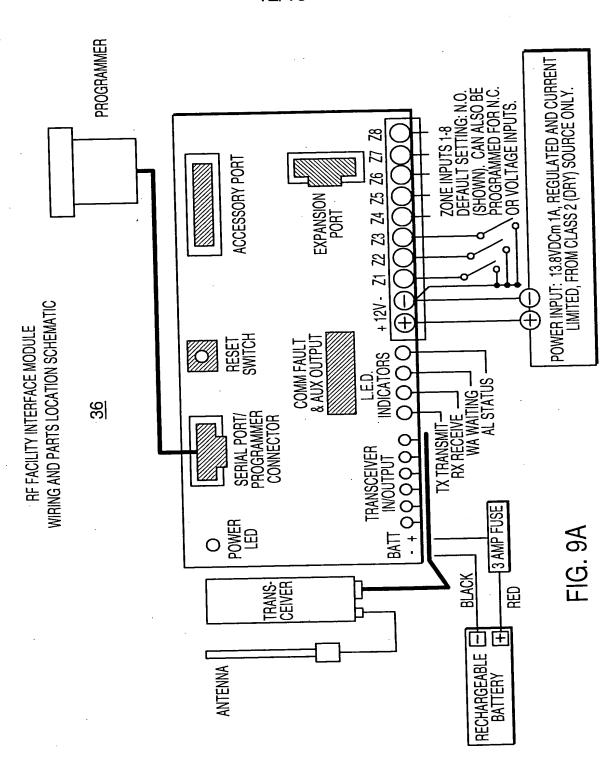
TTING IS FOR SUPERVISED / E.O.L. ZONE INPUTS. RESISTORS MUST BE INSTALLED ON ALL ZONE

PROGRAMMER / AČCĒSSORY PORT - CONNECTS TO PROGRAMMER. ZONE INPUTS TERMINAL BLOCK: GROUND (-): 8 ZONE INPUTS (DEFAULT = SUPERVISED END OF LINE RESISTOR (E.O.L) POWER INPUT TERMINAL BLOCK - 16.5 VAC

CONTROLS S1 RESET SWITCH - INITIALIZES CONTROLLER

UPGRADABLE INTEGRATED CIRCUIT U1 MICROPROCESSOR, 40 PIN DIP; THIS CHIP IS MOUNTED IN A SOCKET, AND MAY BE REPLACED FOR UPGRADES OR SPECIAL APPLICATIONS.

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Filed: Herewith

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LECTRICAL RATING: 13.8VDC, 80ma STANDBY,1000ma TRANSM INBOARD FUSE: SELF RESETTING I-LINE BATTERY FUSE: 3 AMPERE IECHARGEABLE BATTERY REQ: 12V, 4 TO 7 AH OW BATTERY CONDITION IS REPORTED TO THE CENTRAL STA

STATUS INDICATORS

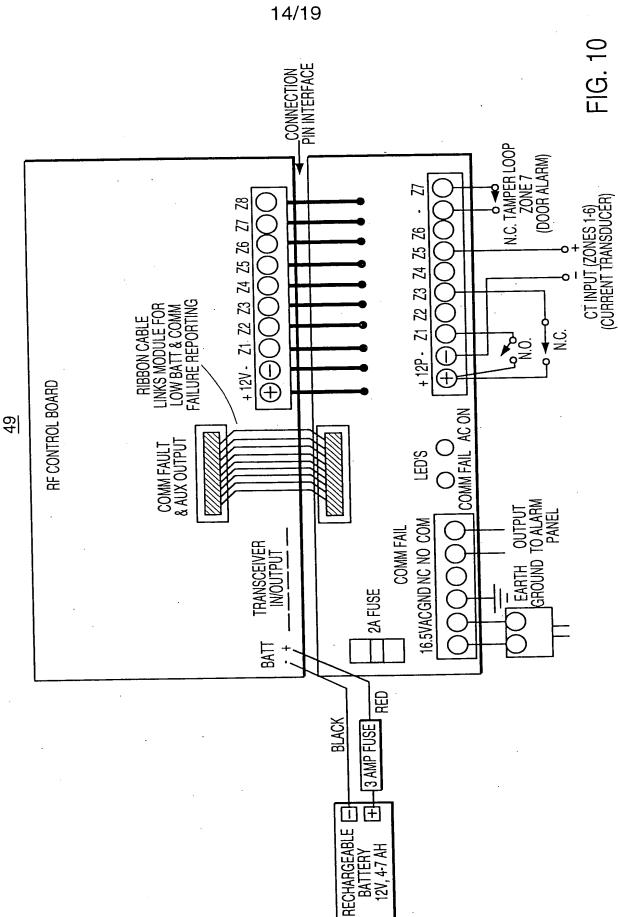
RX,TX-INDICATE RADIO RECIEVE (RX) OR TRANSMIT (TX)
WA - STEADY ON = WAITING FOR ACKNOWLEDGEMENT OF LAST TRANSMISSION;
BLINKING = NOT ON NETWORK

STEADY OFF = NORMAL AL - ALERT / TROUBLESHOOTING INDICATOR, "BLINK" CODES AS FOLLOWS:

SHORT-SHORT BLINK - LOW BATTERY;
-- SHORT-LONG BLINK - AN INPUT ZONE IS
-- SHORT-SHORT-LONG BLINK, LOW BATT

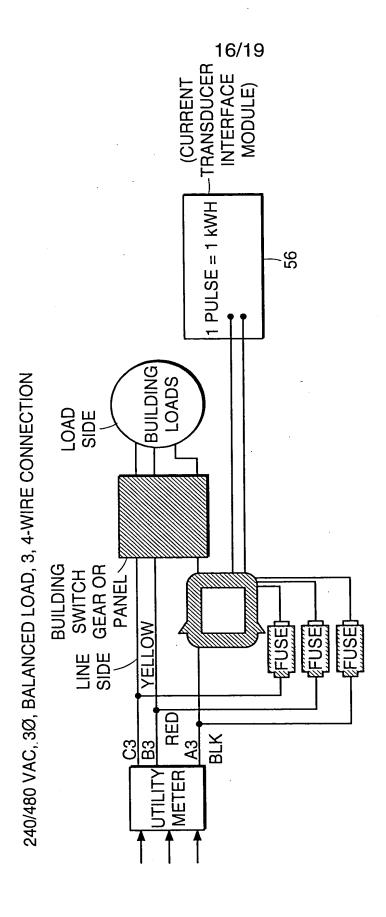
PWR - INDICATES UNIT HAS POWER

FIG. 9B



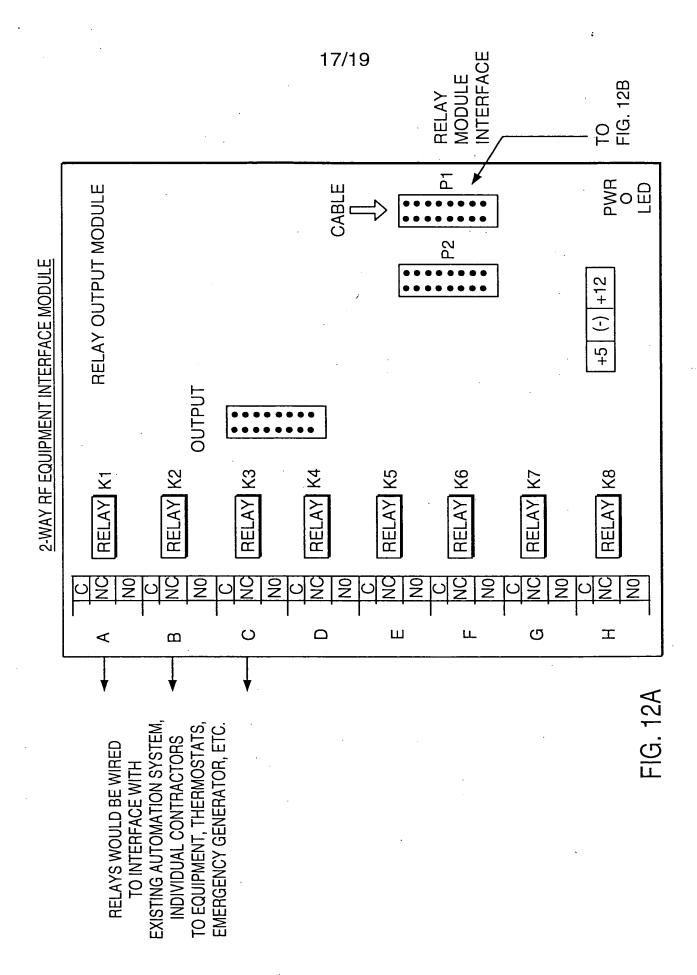
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(CURRENT TRANSDUCER INTERFACE MODULE) 120V, 1Ø, 2-WIRE CONNECTION OUTPUT KWH/ PULSE FIG. 11B FUSE SOURCE Z (CURRENT TRANSDUCER INTERFACE MODULE) OUTPUT * KWH/ PULSE ELECTRICAL SERVICE CURRENT TRANSDUCER INTERFACE TO RF MODULE 240V, 1Ø, 2-WIRE CONNECTION FIG. 11A AøBø 0000000

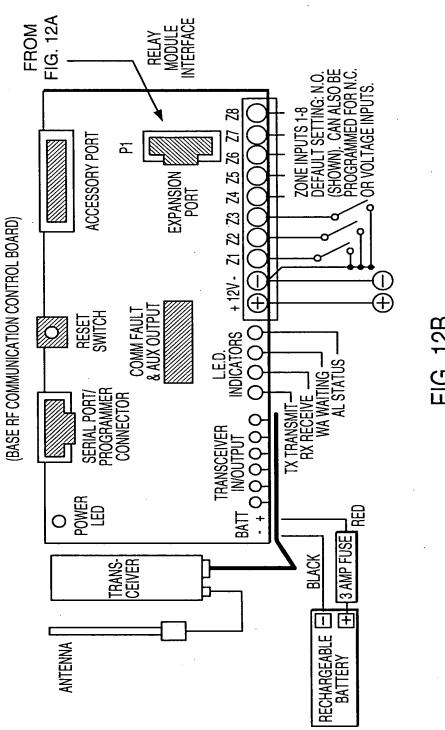


SCHEMATICALLY DEMONSTRATE HOW ENERGY DATA OF DIFFERENT ELECTRICAL PHASE TYPES CAN BE INTEGRATED TO THE RF MODULE VIA A PULSE OUTPUT FROM CT TRANSDUCER.

FIG. 11C

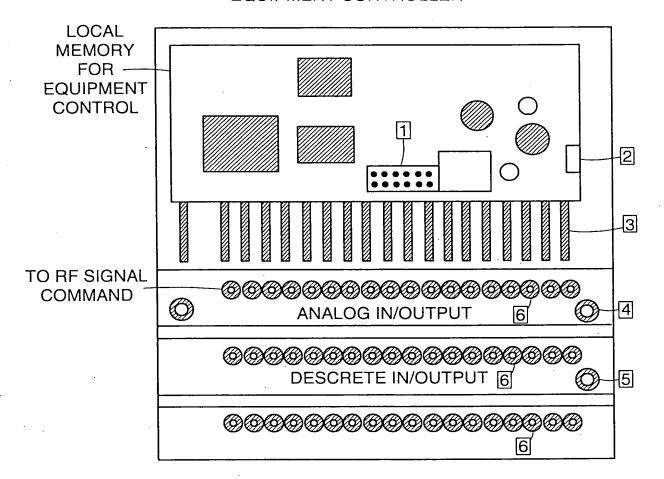


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RF INTERFACE TO LOCAL EQUIPMENT CONTROLLER



LABEL	DESCRIPTION
1	INTERNAL INTERFACE (ATI) CONNECTOR LOCAL LOGIC CONTROLLER
2	GROUND CONTACT FOR THE ADAPTER
3	LED STATUS DISPLAY
4	MOUNTING HOLES FOR PANEL MOUNT
5	GROUNDING SCREW
6	SOCKETS FOR THE TERMINAL CONNECTORS

FIG. 13